

VUKADINOVIC, M.

Contribution to the study of special working conditions. 11.  
(To be contd.) p. 633. ~~TEHNIKA~~ (Savaz injera i technicara Jugoslaviije)  
Beograd. Vol. 11, no. 4, 1956

SOURCE: East Europe Accession List (EEAL)  
Library of Congress, Vol. 5, no. 11, Nov. 1956

VUKADINOVIC, M.

Contribution to the study of special working conditions. 111. p. 779.  
TEHNIKA (Savaz inzenjera i techicara Jugoslavije) Beograd. Vol.  
11, no. 5, 1956

SOURCE: East Europe Accessions List (EEAL),  
Library of Congress, Vol. 5, no. 11, Nov. 1956

VUKADINOVIC, Milutin

Climate in textile factories in the People's Republic of Serbia.  
Glasn. Hig. Inst., Beogr. 5 no.1-2:91-102 Jan-June 56.

(INDUSTRIAL HYGIENE,  
climatic cond. in textile factories in Yugosl. (Ser))  
(CLIMATE  
same)

MILIJIC, B.; VUKADINOVIC, M.; PETROVIC, Lj.; PASALIC, M.

Simple coal pneumoconiosis (anthracosilicosis) in coal miners of  
Podvis and Dobra Sreca. Arh hig rada 11 no.2:97-106 '60.

1. Odelenje za medicinu rada, Higijenski zavod SR Srbije, Beograd.

(SILICOSIS statist)

YUG/1-59-3-49/57

Vukadinović, Milutin, Engineer and Scientific Assistant  
Nr 51 Sumatovačka St., Beograd)

Some Problems of Work Conditions in the Industrial  
Enterprises of the People's Republic of Serbia during  
the period 1956-1957. (Neka pitanja uslova rada u  
industrijskim preduzećima u NR Srbiji, period 1956-1957 g.)

PERIODICAL:

ABSTRACT:

The author deals with working conditions directly affecting the health of workers and the productivity of plants. Work premises in Serbia, while in most cases adequate regarding the available floor space per person, are much overcrowded with machines, equipment, semi-finished and finished products and present a serious impediment to a smooth production. The best example for this is the Fabrika obuće (Footwear Plant) "Proleter" in Beograd which is equipped with modern machinery but

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YUG/1-59-3-49/57

of Work Conditions in the Industrial Enterprises of  
public of Serbia during the period 1956-1957.  
The premises are overcrowded and the conditions un-  
hygienic especially in upper stories where the tempera-  
ture rises to 36° C during summer months. Some plants  
have already introduced partial air-conditioning and  
ventilation equipment, i.e. the weaving mill of the  
tekstilna industrija (Textile Industry) "Beograd",  
Fabrika vunenih tkanina (Woolen Fabrics Plant) "Okto-  
barska vunenih tkanina" in Beograd, Plants "Ratko Pavlovic" in  
Mis, "Sutjeska" in Zemun and Tekstilna industrija (Tex-  
tile Industry) in Leskovac. The following plants, i.e.  
Fabrika kablova (Cable Plant) in Sevojno, Beogradski  
Zavod za izradu novcanica (Institute for Production of  
Bank Notes) in Topcider have satisfactory microclimatic  
installations, while the fabrika (Plant) "Viskoza" in

YUG/1-59-3-49/57

Vukadinović, Milutin, Engineer and Scientific Assistant  
(Nr 51 Sumatovačka St., Beograd)

TITLE: Some Problems of Work Conditions in the Industrial Enterprises of the People's Republic of Serbia during the period 1956-1957. (Neka pitanja uslova rada u industriskim preduzećima u NR Srbiji, period 1956-1957 g.)

PERIODICAL: Tehnika, 1959, Nr 3, pp 524-528 (YUG)

ABSTRACT: The author deals with working conditions directly affecting the health of workers and the productivity of plants. Work premises in Serbia, while in most cases adequate regarding the available floor space per person, are much overcrowded with machines, equipment, semi-finished and finished products and present a serious impediment to a smooth production. The best example for this is the Fabrika obuće (Footwear Plant) "Proleter" in Beograd which is equipped with modern machinery but

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YUG/1-59-3-49/57

Some Problems of Work Conditions in the Industrial Enterprises of the People's Republic of Serbia during the period 1956-1957

Loznica has air-conditioning installations. A great number of plants still depend for air-conditioning on ventilation by draughts through windows and doors, even during winter months. Some of these plants are the two fabrike kemiske industrije (Chemical Industry Plants) "Zorka" in Šabac and Subotica, Fabrika (Plant) "14 Oktobar" in Kruševac, "Magnohrom" in Kraljevo and "Ivo Lola Ribar" in Železnik. Poisonous gases, steam, and decomposition of organic materials also affect health and production. Much has been done in Yugoslav plants to protect the workers but much still remains to be done in this field. The use of protective clothing and equipment, i.e. glasses, gloves, etc, have not become widespread, mainly because workers refuse to wear such equipment. The biggest danger in this

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YUG/1-59-3-49/57

Some Problems of Work Conditions in the Industrial Enterprises of the People's Republic of Serbia during the period 1956-1957

cosis. To prevent this disease special respirators should be worn by the workers, but they are not manufactured in Yugoslavia. Rubber gloves and boots are also not provided in adequate quantities, and the question of protection against poisonous liquids has not yet been solved since no adequate protection exists. The author emphasizes that great efforts are being made to purchase sufficient and adequate personal protective clothing and equipment. Sanitary arrangements in the Serbian plants leave much to be desired; drinking water is practically unavailable except in Beograd and some larger cities, the number of showers inadequate or not fully utilized by the workers, dining halls rare and sanitary arrangements for women workers inadequate in most places. In the opinion of the author health stations in every plant employing over 500 workers,

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YUG/1-59-3-49/57

Some Problems of Work Conditions in the Industrial Enterprises of  
the People's Republic of Serbia during the period 1956-1957

decreed by law, will contribute much towards the improve-  
ment of working conditions. There are 4 tables.

ASSOCIATION: Higijenski institut NRS, (Institute of Hygiene of the  
People's Republic of Serbia), Beograd.

SUBMITTED: October 13, 1958.

Card 5/5

VUKADINOVIC, Mihajlo, potpukovnik dr.

Case of meningotyphoid with encephalitis. Med. pregl., Novi Sad  
7 no.4:302-305 1954.

1. Zarasno odeljenje Oblasne vojne bolnice, Novi Sad, nacelnik  
potpukovnik dr. Mihajlo Vukadinovic.

(TYPHOID FEVER, ther.

chloramphenicol causing encephalitis)

(ENCEPHALITIS, etiol. & pathogen.

chloramphenicol ther. of typhoid fever)

(CHLORAMPHENICOL, inj. eff.

encephalitis in ther. of typhoid fever)

VUKADINOVIC, Milutin, Inzh.

Evaluation of special industrial conditions. Bibl.Hig.inst. Srbije  
no.5:78-85 '54.

1. Odeljenje za medicinu rada Higijeskog instituta NR Srbije.  
(INDUSTRIAL HYGIENE,  
in Yugosl.)

VUKADINOVIC, P.

Solving tactical problems, p. 58

VOJNI GLASNIK (Jugoslavenska narodna armija) Beograd, Yugoslavia.  
Vol. 12, no. 1, Jan 1958

Monthly List of East European Accessions EEAI LC, Vol. 8, no. 6, June 1959  
Uncla.

VUKADINOVIC, R.

The production of maize in Yugoslavia. p. 15  
(GLASNIK, Vol. 4, No. 7/8, July/Aug. 1956 (Published 1957)

SO: Monthly List of East European Accessions (EEAL) LC Vol. 6, No. 12, Dec. 1957  
Uncl.

VUKADONOVIC, P.

Use of tractors in agriculture and their profitableness. p 43

POLJOPRIVREDA. (Društvo podjeprivrednih inženjera i tehnicara Srbije)  
Beograd, Yugoslavia Vol. 6, no. 4, Apr. 1958

Monthly List of East European Accessions (EEAI) LC. vol. 8, no. 9, Sept. 1959

Uncl.

VUKADINOVIC, Sreto, dr.

Thermoregulation and febrile conditions in infants and small children. Lijecn. vjesn. 85 no.2:169-178 '63.

1. Iz Klinike za dječje bolesti Medicinskog fakulteta u Zagrebu.  
(BODY TEMPERATURE REGULATION) (FEVER)

S

VUKADINOVIC, SRET.

CACIN-SAIN, Sime: VUKADINOVIC, Sreto

Sympathicogoniora or sympathoblastoma. Srpski arh. celok. lek. 85 no.5:  
609-618 Mar 57.

1. Zavod za rentgenologiju i radium-terapiju Medicinskog fakulteta  
u Zagrebu. Upravnik; Milan Smokvina. Klinika za decje bolesti  
Medicinskog fakulteta u Zagrebu. Upravnik: Niko Skrivanelli.

(SYMPATHICOBlastoma, in inf. & child  
case report (Ser))



YUGOSLAVIA

Dr Sreto VUKADINOVIC, Pediatric Clinic of Medical Faculty (Klinika za dječje bolesti Medicinskog fakulteta), Zagreb.

"Heat Regulation and Febrile Conditions in Infants and Small Children."

Zagreb, Liječnički Vjesnik, Vol 85, No 2, 1963; pp 169-178.

Abstract [English summary modified]: A didactic review of physiological diagnostic and therapeutic principles in various conditions involving hyperthermia in newborns and infants. Six Yugoslav and 7 Western ref's.

1/1

VUCKOVIC-KALENIC, Ksenija; KOSTIC-VUJACIC, Anđelija

Studies on the evolution of chloramphenicol resistance of  
S. typhi in vitro and after their isolation from clinical  
patients. Srpski arh. celok. lek. 90 no.9:839-846 S '62.

1. Klinika za infektivne bolesti Medicinskog fakulteta Uni-  
verzitetu u Beogradu Upravnik: prof. dr. Milorad Milosevic.  
(CHLORAMPHENICOL)  
(DRUG RESISTANCE MICROBIAL)  
(SALMONELLA TYPHOSA)

S

VUCKOVIC-KALENIC, Ksenija; KOSTIC, Andrelija; PETROVIC, Milena

Sensitivity of *S. typhi* to antibiotics and sulfonamides (with prolonged action) during chloramphenicol therapy. Srpski arh. celok. lek. 90 no.7/8:733-740 J1-Ag '62.

1. Klinika za infektivne bolesti Medicinskog fakulteta Univerziteta u Beogradu V.d. upravnika: doc. dr. Mihajlo Nikolic.  
(TYPHOID) (CHLORAMPHENICOL) (ANTIBIOTICS)  
(SULFONAMIDES) (SALMONELLA TYPHOSA)  
(DRUG RESISTANCE MICROBIAL)

S

YUGOSLAVIA

CUPIC, V., Dr. Prof.; VUCO, J., Dr.; SKUNDRIĆ, M., Dr.: No affiliation, Belgrade.

"Minimum Health Protection for School Children and Adolescents"  
Belgrade, Narodno zdravlje, Vol 22, No 2, 1966, pp 45-48

Abstract: The authors discuss the following ways in which health protection for school children can be achieved: 1. Prevention of diseases for which immunobiological medicines exist; 2. Early discovery and diagnosis of diseases and their treatment; 3. Providing space, personnel and equipment for health institutions protecting children from 7 to 18 years of age; 4. Controlling and providing nutrition for children in school and at home; 5. The social-medical regulation of the environment in which children live, work, and go to school. No references.

1/1

- 72 -

VUCO, M.

Turning point in the production development of Jugovninil. Ken  
ind 12 no.4:277-279 Ap '63.

VUCO, Milan, inz. (Beograd, Drvarska 7)

Scientific and technological aspects of modern machine tools. Tehnika Jug 18 no. 12: 2161-2169 D '63

Production of machine tools in Yugoslavia and abroad. Ibid. 2263-2276.

1. Sef sluzbe za istrazivacki i razvojni rad Savezne privredne komore, Beograd.

KLANCNIK, Mario, inz.; VUCO, Milan

Those who took part in consultations. Kem ind 12 no.4:275-  
276 Ap '63.

VUCO, Nikola.

(Economic history of the people of the People's Federal Republic of Yugoslavia,  
up to World War 1) Beograd, Naučna knjiga, 1948. 342 p.



WUCC, Z.

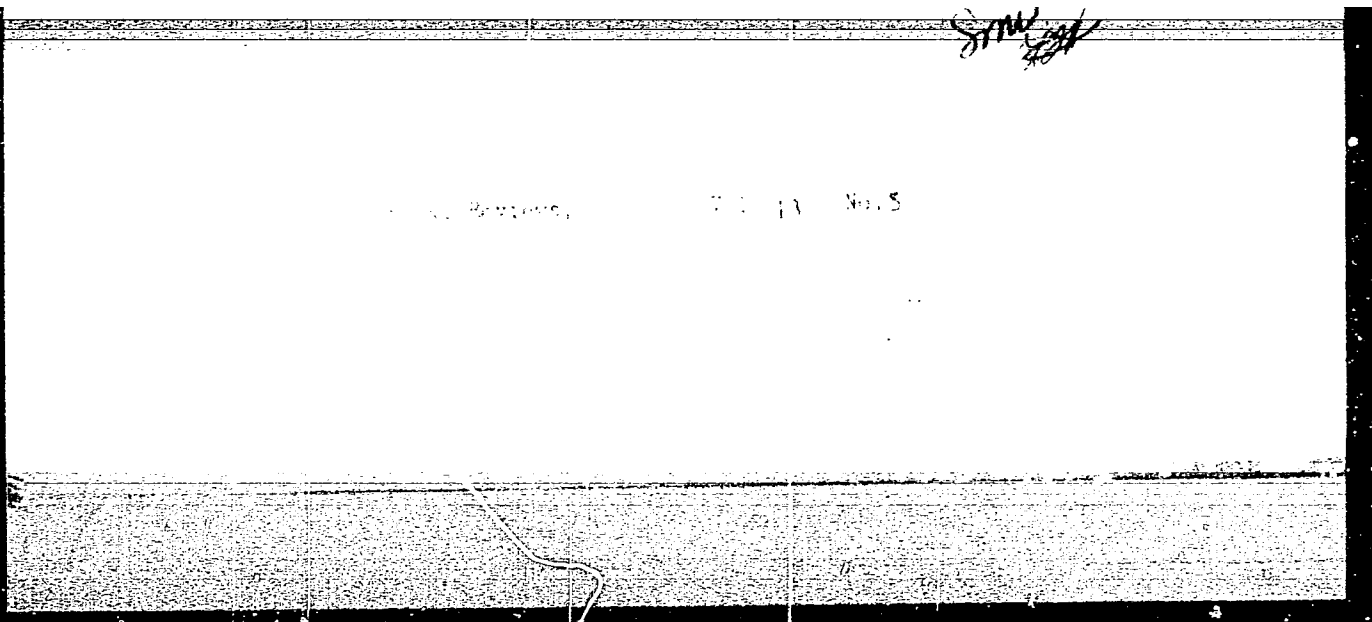
A study, by means of basic temperature, of the ovarian functions of women during physiological amenorrhea.

P. 9 (Belgrade. Institut za fiziologiju razvica, genetiku i selkciju. ZBORNIK RADOVA. no. 4, 1956. Beograd, Yugoslavia)

Monthly Index of East European Accessions (EFAI) LC.Vol. 7, no. 2,  
February 1958

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VUCKIC, M.

Yugoslavia (430)

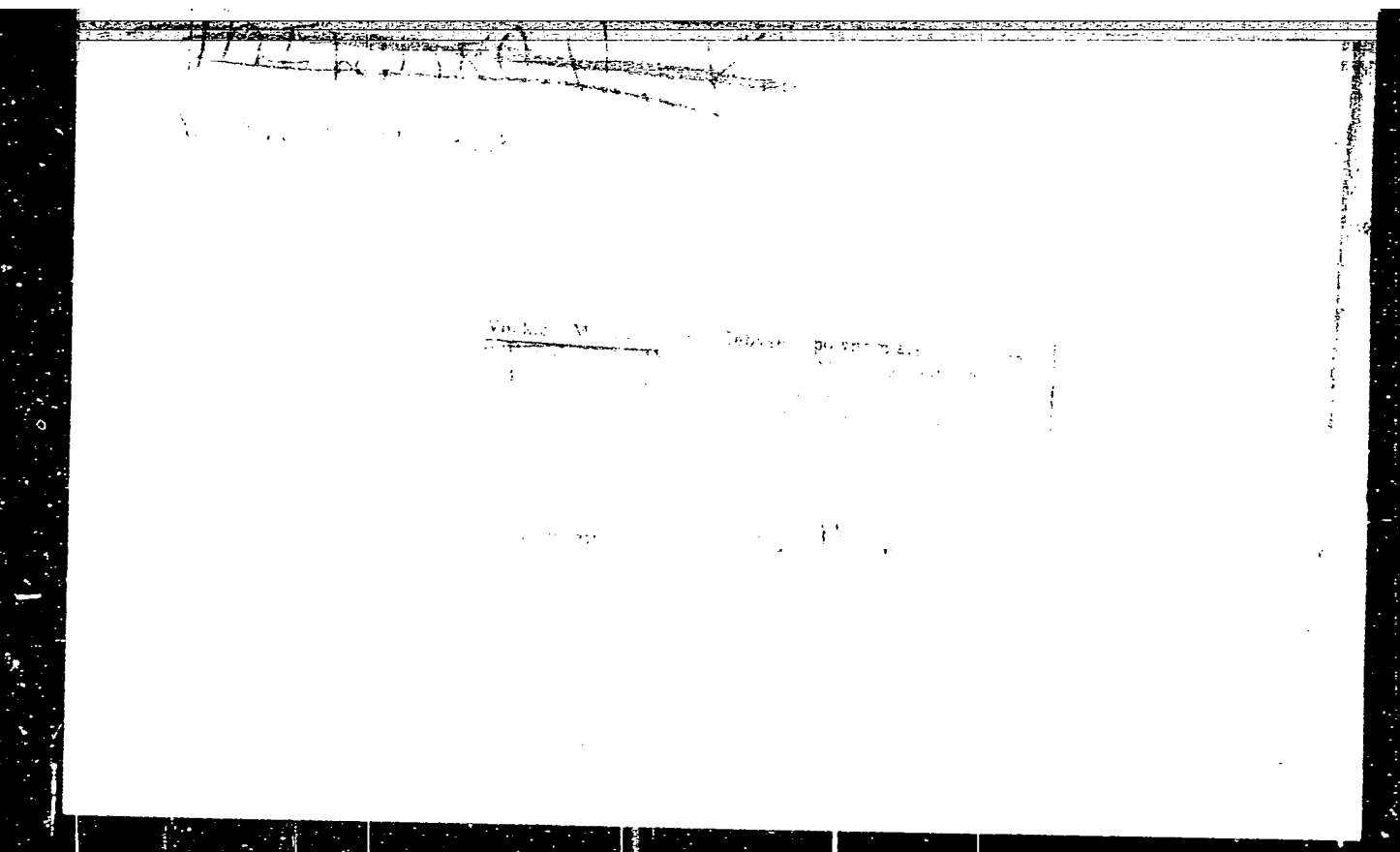
Science

Chebyshev's polynomes. p. 209. GLASNIK MATEMATICKO-FIZICKI I ASTRONOMSKI, Vol. 4, no. 5, 1949.

East European Accessions List, Library of Congress, Vol. 1, no. 14, Dec. 1952. UNCLASSIFIED.

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001961220015-4



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CIA-RDP86-00513R001961220015-4"

VUKOBRA TOVIC, S.; VASILJEVIC, B.

Research on allergy in Sijarinska Banja and its vicinity with a study on meteorological and climatic conditions, Higijena, Beogr. 9 no.1:1-11 1957.

1. The Institute for Medical Hydrology and Climatology and from the "B" Clinic of Internal Medicine Medical Faculty, Beograd.  
(ALLERGY, epidemiol.  
in Yugosl., sensitization statist. for Sijarinska Banja  
(Ser))

VUCKOVIC, D.

Yugoslavia (430)

Agriculture-Plant and Animal Industry

Some problems of the relation between forest  
administration and the development companies.  
p. 321. SUMARSKI LIST. Vol. 75, no. 8-10,  
Aug.-Oct. 1951.

East European Accessions List. Library of  
Congress. Vol. 2, no. 3, March 1953. UNCLASSIFIED

6000

V 306. PROBLEMS OF PETROLEUM PRODUCTION IN CROATIA AND PROSPECTS OF FURTHER  
DEVELOPMENT. Vuckovic, J. (Nafte (Petroleum, Zagreb), June 1955, vol. 6,  
180-190). A ~~historical~~ review, a detailed account of production since 1946 and  
forecasts for oil and gas production up to 1967. Explorations and production  
are in the hands of Naftoplin, Zagreb. FT

dm 22

VUCKOVIC, J.

Yugoslavia (430)

Technology

The irregular flow of cement slurry in the  
cementing of wells. p. 103. NAFTA. Vol. 3,  
no. 4, Apr. 1952.

East European Accessions List. Library of  
Congress, Vol. 2, no. 3, March 1953. UNCLASSIFIED



VUCKOVIC, J.

Yugoslavia (430)

Technology

Irregular flow of cement slurry in cementing  
a well. p. 103, Nafta, Vol. 3, no. 4, April  
1952.

East European Accessions List, Library of Congress,  
Vol. 2, No. 4, April 1953. UNCLASSIFIED

YERCHOVIC, J.

"Fracturing Formations in Strata", P. 226, (JNPTA, Vol. 5, No. 2,  
September 1971, Zagreb, Yugoslavia)

EO: Monthly List of East European Accessions (MEAL), LC, Vol. 4, No. 3,  
March 1955, Uncl.

Chemical Technology - Chemical Products and Their  
Application. Food Processing Industry. H-28

Abs Jour : Ref Zhur - Khimiya, No 17, 1958, 59171

Author : ~~Vuckovic, K.~~

Inst : -

Title : The Refrigeration of Meat in the Belgrade Slaughter House.

Orig Pub : Veterin. glasnik, 1957, 11, No 11, 1084-1087

Abstract : In three to four hours after slaughtering carcasses are put in preliminary refrigeration chamber with a temperature of 8-10° where they are kept for 24 hours; after which they are directed into a refrigerator with a temperature from -1 to plus 4°. The meat in the refrigerator possesses a temperature ~ 4°, pH 5.5-5.8.

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- 87 -

VUCKOVIC, Ljubica, Dr.

Treatment of meningeal tuberculosis with antibiotics and with BCG vaccination. Tuberkuloza, Beogr. 8 no.3-4:151-158 May-Aug 56.

1. Institut za Tuberkulozu NRS u Beogradu (direktor: prof. dr. Milic Grujic).

(TUBERCULOSIS, MENINGEAL, ther.  
antibiotics & BCG vacc. (Ser))

(ANTIBIOTICS, ther. use

tuberc., meningeal, with BCG vacc. (Ser))

(BCG VACCINATION, ther. use

tuberc., meningeal, with antibiotics (Ser))

VUCKOVIC, Ljubica, dr.; ZEGARAC, Dusanika, dr.

~~SECRET~~  
Effect of infectious diseases in children on the course of  
tuberculosis in children. Tuberkuloza, Beogr. 6 no.4:204-216 July-  
Aug 54.

1. Institut za tuberkulozu N.R.Srbije u Beogradu (direktor: doc.  
dr. M.Grujic)

(TUBERCULOSIS, PULMONARY, in inf. & child  
compl. by infect. dis.)

(COMMUNICABLE DISEASES, in inf. & child  
compl. by pulm. tuberc.)

VUCKOVIC, M.

Yugoslavia (430)

Agriculture - Plant and Animal Industry

Some new elements on the disintegration of the  
state. p. 1. SOCIALISTICKA POLJOPRIVREDA,  
Vol. 2, no. 6, June 1951.

East European Accessions List, Library of Congress,  
Vol. 1, no. 14, Dec. 1952. UNCLASSIFIED

M. VUCKOVIC

"Basic standards in the contemporary credit system."(II) p. 145. (FINANSIJE, Vol. 7, no. 3/4, Mar./Apr. 1952, Beograd, Yugoslavia)

SO: Monthly List of East European Accessions, L, G., Vol. 2, No. 7, July 1953, Uncl.

VUCKOVIC, R.

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CIA-RDP86-00513R001961220015-4"

"The World's Best Modelmakers at Bled; the Fourth World Championship  
A-2 Glider Models" P. 3  
(AERO SVET, Vol. 3, no. 46, Aug. 1953, Beograd, Yugoslavia)

SO: Monthly List of East European Accessions, LC, Vol. 3, no. 5, May 1954/Uncl.

VUCKOVIC, R.

"Many competitors but few good results"; first rally of the Yugoslav Model Plane Association. (p. 3) Vo. 3, no. 47, Sept. 1953.

SO: East European Accessions List, Vol 3, No 3, Aug 1954



VUCKOVIC, R.

"Twenty-one Federal Records and Other Achievements are Results of Last  
Year's Competitions" p. 3  
(NERO SVET, Vol. 3, no. 31, Jan. 1953, Beograd, Yugoslavia)

SO: Monthly List of East European Accessions, LC, Vol. 3, no. 5, May 1954/Uncl.

VICKOVIC, STANJIN

Reg

YUGOSLAVIA

Ksenija VUCKOVIC-KALENIC, Clinic for Infectious Diseases, Medical Faculty (Klinika za infekcione bolesti Medicinskog fakulteta), Head (upravnik) Prof Dr Milorad MILOSEVIC, Belgrade.

"Changes of Sensitivity to Chloramphenicol and Penicillin of *S. typhi* Isolated at the Onset of Disease and During Recurrence."

Belgrade, Srpski Arhiv za Celokupno Lekarstvo, Vol 90, No 5, May 1962; pp 529-533.

Abstract [English summary modified]: Sensitivity tests of strains isolated from 10 patients with recurrence of typhoid fever to the two antibiotics: essentially no change with initial sensitivity. Comprehensive review of literature and discussion of factors leading to recurrence after chloramphenicol therapy: duration, dose, tissue forms of the bacteria. Eight Western and 1 Yugoslav reference.

1/1

POTNIK, Dorda, Doc., dr.; VUCKOVIC-KALENIC, Ksenija, dr.

Examination of pleural exudates for Koch bacillus. Tuberkuloza,  
Beogr. 7 no.2-3:98-109 Mar-June 55.

1. Institut za tuberkulozu NR Srbije (direktor: doc. dr.  
M. Grujic).

(MYCOBACTERIUM TUBERCULOSIS,  
in pleural exudates, determ.)

(PLEURA,

exudates, M. tuberc. in)

(EXUDATES AND TRANSUDATES,

pleural exudates, M. tuberc. in)

KOSANOVIC-CETKOVIC, Desanka, dr.; VUCKOVIC-KALENIC, Kaenija, dr.

Contribution to the study on the etiology of pulmonary complications  
in tetanus. Voj.san.pregl. 18 no.2:169-172 F '61.

1. Medicinski fakultet u Beogradu, Klinika za infektivne bolesti.

(TETANUS compl) (LUNG DISEASES etiol)

VUCKOVIC-KALENIC, Ksenija

Different sensitivity to chloramphenicol and penicillin of  
Salmonella typhi isolated from the blood in the initial stage  
of the disease and in relapses. Srpski arh. celok. lek. 90  
no.5:529-533 My '62.

1. Klinika za infektivne bolesti Medicinskog fakulteta Univerzita-  
teta u Beogradu Upravnik: prof. dr. Milorad Milosevic.  
(CHLORAMPHENICOL) (PENICILLIN)  
(DRUG RESISTANCE, MICROBIAL)  
(SALMONELLA TYPHOSA)

S

MOCIC, Mirjana; VUCKOVIC-KALENIC, Ksenija; TAKIC, Cveta

Clinical significance of the presence of pathogenic Staphylococci in measles. Srpski arh. celok. lek. 90 no.2:125-132 F '62.

1. Klinika za Infektivne bolesti Medicinskog fakulteta Univerziteta u Beogradu Upravnik: doc. dr. Mihailo Nikolic.  
(MEASLES microbiol)  
(STAPHYLOCOCCAL INFECTIONS diag)

2

YUGOSLAVIA / Chemical Technology, Chemical Products and H  
Their Application, Part 1. - Corrosion,  
Protection Therefrom.

Abs Jour: Ref Zhur-Khimiya, No 18, 1958, 61331.

Author : ~~Stanija Vučković~~

Inst : Not given.

Title : Chemical Deposition of Metallic Coatings.

Orig Pub: Tehnika, 1957, 12, No 4, Hem. ind., 11, No 4,  
56 - 59.

Abstract: A theoretical foundation of chemical nickel  
plating, tinning, zinc and silver plating are  
given and their methods are described. Meth-  
ods of surface conditioning and bath composi-  
tions are presented.

Card 1/1



YUGOSLAVIA / Chemical Technology. Chemical Products. H  
Electrochemical Products. Electroprecipitation.  
Chemical Sources of Electric Power.

Abs Jour: Ref Zhur-Khimiya, 1958, No 20, 68108.

Author : Vuckovic S.

Inst : Not given.

Title : Electrolytical Precipitation of Alloys.

Orig Pub: Zast. mater., 1958, 6, No 1, 23-25.

Abstract: Problems pertaining to the effect of anode composition, electrolyte composition,  $D_k$ , temperature and pH of a cell on the composition and structure of alloys (Ag-Cd, Ag-Zn, Ni-Co etc.) are reviewed.

Card 1/1

VUCKOVIC, S.; JEFTEMIJADIC, R.

Water-power station of Ovcar Banja. p. 186. (ELEKTROTEHNIKA, Vol. 7,  
no. 4, July/Aug. 1954, Beograd, Yugoslavia)

SO: Monthly list of East European Accessions, (LEAL, LC, Vol. 4, no. 1  
Jan. 1955, Uncl.

VUCKOVIC, S.

Psychic reactions caused by use of cronetal. Neuropsihijatrija  
4 no.2:117-125 1956.

1. Psihijatrijska bolnica u Kovinu. (Upravnik: dr. Sava Vuckovic).  
    (DISULFIRAM, inj. eff.  
        ment. disord., in ther. of alcoholism (Ser))  
    (MENTAL DISORDERS, etiol. & pathogen.  
        disulfiram ther. of alcoholism (Ser))  
    (ALCOHOLISM, ther.  
        disulfiram, causing ment. disord. (Ser))



VUCKOVIC, V., dr

The 5th Austrian Mathematical Congress at Innsbruck;  
September 12-18, 1960. Glas SANU 12 no.2:261 '60 [publ.'62].

VUCKOVIC, Vladeta (Belgrad)

Introduction of  $IIf(x)$  and  $II_f(x)$  in the recursive arithmetic of lattices. Izv Mat inst BAN 6:15-25 '62.

1. Math. Inst. der Serbischen Akademie der Wiss. und Künste.  
Maschinenbaufakultät der Universität, Belgrad.

Yučković, Vladeta. Mercersche Sätze für nichtlineäre Mittel. Acad. Serbe Sci. Publ. Inst. Math. 10 (1956), 79-84.

Let  $x_1, x_2, \dots$  be a sequence of positive numbers, and let  $X_1, X_2, \dots$  be a sequence (determined by any process whatever) for which

$$\lim_{n \rightarrow \infty} \inf_{1 \leq k \leq n} X_k \leq \max_{1 \leq k \leq n} x_k.$$

$$\liminf x_k \leq \liminf X_k \leq \limsup X_k \leq \limsup x_k.$$

Supposing that  $\gamma \neq 1$ , let

$$y_n = (1 + \gamma X_n)^{1/(1+\gamma)} \quad (n=1, 2, \dots).$$

Then the hypothesis  $y_n \rightarrow y$  implies the Mercertian conclusion  $x_n \rightarrow y$  provided  $\gamma > -1$  and the sequence  $X_1, X_2, \dots$  is either (1) monotone or (2) such that for each  $n > 1$  the differences  $X_n - X_{n-1}$  and  $y_n - x_n$  are both

Vučević  
hence of  $x_n$ . Unlike the classic Mercurian theorem, this

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1-7W



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VUCKOVIC, V.

Construction of methods of limitation which are equivalent but not consistent. In French. p. 71.  
(GLASNIK, Vol. 10, 1956 (Published 1957))

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001961220015-4"

SO: Monthly List of East European Accessions (EEAL) LC Vol. 6, No. 12, Dec. 1957  
Uncl.

VUCKOVIC, V.

Mercer's propositions for the nonlinear means. In German. p. 79.  
(GLASNIK, Vol. 10, 1956 (Published 1957)

SO: Monthly List of East European Accessions (EEAL) LC Vol. 6, No. 12, Dec. 1957  
Uncl.

Vučković, V.

2

Vučković, Vladeta. Une extension de la condition de convergence dans les théorèmes de nature taubérienne. Srpska Akad. Nauka. Zbornik Radova 35 (1953) no. 3, 75-84 (1953). (Serbo-Croatian. French summary.)

1/2

Let  $\alpha(x)$  be nondecreasing and continuous on the right on  $(0, \infty)$ , with  $\alpha(\infty) = \infty$ . Then  $\int_0^x f(t) d\alpha(t) = o(1)$  as  $x \rightarrow \infty$  implies  $f(x) = o(1)$  as  $x \rightarrow \infty$  if an appropriate Tauberian condition is satisfied. With a suitable  $\lambda = \lambda(x) \rightarrow \infty$ , Schur's condition is

$$\liminf_{x \rightarrow \infty} \sup_{\lambda \leq t \leq x} |f(t)| = 0$$

while Karamata has considered the two generalizations with appropriate functions  $\phi$  and  $\Phi$ :

$$\liminf_{x \rightarrow \infty} \sup_{\lambda \leq t \leq x} \phi(t) |f(t)| = 0$$

$$\liminf_{x \rightarrow \infty} \min_{\lambda \leq t \leq x} \Phi(t) |f(t)| = 0$$

The author establishes the following Tauberian condition which generalizes both of Karamata's:

$$\liminf_{x \rightarrow \infty} \min_{\lambda \leq t \leq x} \phi(t) |f(t)| = 0$$

OVER

*Vladimir Jankovic*

Here  $\phi(x)$  is the left continuous inverse of  $a(x)$  and  $X = \phi(a(x))$ .  $\phi(x)$  is continuous and strictly increasing;  $\phi(x) \approx a(x)$  uniformly for  $x \in X$  and

$$\limsup_{\epsilon \rightarrow 0} \max_{x \in X} \frac{|\phi(x) - a(x)|}{a(x)} = o(1), \quad \epsilon \rightarrow 0$$

Special cases include the following: (1) If  $F(x) \rightarrow A$  and  $\phi(F(x)) \rightarrow \phi(A)$  then  $F(x) \rightarrow 0$  (2) If  $\sum U_n$  converges and

$$U_n^{(n+1)} = U_n, \quad U_n \leq (n/n) U_n^{(n+1)} + M n^{-1/(n+1)}$$

then  $n U_n \rightarrow 0$

*R. P. Bell, Jr. (Evanson, III)*

VUCKOVIC, V.

"Some theorems relating to the Stieltjes transformation. p. 63, (PUBLICATIONS,  
Vol. 6, 1954, Beograd, Yugoslavia)

SO: Monthly List of East European Accessions, (EAL), LC, Vol. 4, No. 4,  
Apr 1955, Uncl.

Vucković, Vladeta. Die Stieltjes-Transformation die mit der Geschwindigkeit der Exponentialfunktion unendlich klein wird. Srpska Akad. Nauka Zbornik Radova 33. Mat. Inst. 3, 253-288 (1953). (Serbo-Croatian. German summary.)

Let  $A(u)$  be of bounded variation on every finite interval, with  $A(0) = 0$ ; let

$$S(x) = \int_0^{\infty} (u+x)^{-\alpha} dA(u), \quad L(s) = \int_0^{\infty} e^{-su} dA(u).$$

The following are the principal theorems. If

(1)  $S(x) = O(\exp(-x^\alpha))$ ,  $x \rightarrow \infty$ ,  $0 < \alpha \leq \frac{1}{2}$ , then

$$L(s) = \int_0^{\infty} e^{-su} A(u)^{\gamma} du, \quad \gamma > -1$$

is regular at  $s=0$ . If (1) holds and, with  $\beta > -\alpha$ , we have

(2)  $u^\beta [A(v) - A(u)] > -m$  for  $u \leq v \leq u + u^{1-\alpha}$ , then (3)

$A(u) = O(u^{-\alpha})$ ,  $u \rightarrow \infty$ . If  $L(t) = O(\exp(-t^{-\alpha(1-\epsilon)}))$ ,  $t \rightarrow 0^+$ ,  $0 < \alpha \leq \frac{1}{2}$ , and if (2) holds, then (3) holds. If (1) holds with

$\alpha > \frac{1}{2}$ , then  $A(u) \approx 0$ . The author gives a historical survey of (over)

215  
Vučković, Vlada  
theorems of the kind he discusses. [Cf. also Pleijel, Mat.  
Tidskr. B. 1952, 39-43 (1952), these Rev. 14, 977.]  
R. P. Boas, Jr. (Evanston, Ill.).

YUGOSLAVIA/Human and Animal Physiology (Normal and Pathological) T  
Blood. Form Elements.

Abs Jour : Ref Zhur Biol., No 6, 1959, 26426

Author : Duricic, I., Jovanovkch, M., Vucso, J., Kentera, D.

Inst : -

Title : The Influence of Cortisone on the Penetration of Radioac-  
tive P<sup>32</sup> into Erythrocytes in vitro.

Orig Pub : Glasnik biol. sek. Hrvatsko prirodisl. drustvo, 1953  
(1955), Ser. 2B, 7, 135-136

Abstract : No abstract.

Card 1/1

- 37 -



DURICIC, I.; JOVANOVIĆ, M.; VUCO, J.; KENTERA, D.

Effect of cortisone on penetration of radiophosphorus into the erythrocytes in vitro. Bull. Acad. serbe sc., classe med. 15 no. 3:11-15 1956.

1. Institut de recherches medicales de l'Academie serbe des Sciences.  
(ERYTHROCYTES, metabolism,  
radiophosphorus uptake in vitro, eff. of cortisone (Fr))  
(PHOSPHORUS, radioactive,  
erythrocytic uptake in vitro, eff. of cortisone (Fr))  
(CORTISONE, effects,  
on erythrocyte uptake of radiophosphorus in vitro (Fr))

DJURICIC, I.; JOVANOVIĆ, M.; VUČO, J.; KENTRA, D.

Effect of cortisone on radiophosphorus penetration in erythrocytes  
in vitro. Glas srpske akad. nauka, odelj med. 211 no.7:227-232 1953.

1. Priljeno na VIII skupu Odeljenja med. nauka 28 V 1953 god.  
(ERYTHROCYTES, metab.  
radiophosphorus uptake, eff. of cortisone in vitro)  
(CORTISONE, eff.  
on radiophosphorus uptake by erythrocytes in vitro)  
(PHOSPHORUS, radioactive  
uptake by erythrocytes, eff. of cortisone in vitro)

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001961220015-4

SECRET

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001961220015-4"

VUCO, M.

From the history of the Jugovinil Works. Kem ind 13 no.3:  
191-200 '64.

VUGO, Milan, inz. (Beograd, Drvarska 7)

Trends in the development of modern machine tools. Tehnika Jug  
18 no.11:Suppl. Masinstvo 12 no.11:2058-2069 N '63.

1. Ref gluzbe za istraživački i razvojni rad Savezne privredne  
konore, Beograd.

VUCO, Milan, inz. (Beograd, Drvarska 7)

Basic indicators of technical progress. Tehnika Jug 18 no.11:1977-  
1983 N '63.

1. Sef sluzbe za istrazivacki i razvojni rad Savezne privredne  
komore, Beograd.

VUCO, Milan, inz. (Beograd, Drvarska 7)

Some organizational and technical problems of the production and marketing of machine tools for metal processing. Tehnika Jug 19 no.1:2-11 Ja '64.

1. Sef sluzbe za istrazivacki i razvojni rad Savezne privredne komore, Beograd.

VUCO, Milan, inz. (Beograd, Drvarska 7)

Research and development work in mechanical and electrical engineering. Tehnika Jug 17 no.11:2032-2040 N '62.

1. Visi savetnik Savezne industrijske komore, Beograd.



VUCSANOVICI, A.

A contribution to the knowledge of the species *Loxophyllum* (Ciliata).  
In Russian. p. 165

REVUE DE BIOLOGIE. Journal of Biology (Academia Republicii Populare  
Romine)  
Bucuresti, Rumania  
Vol. 4, no. 1, 1959

Monthly list of Eastern European Accession Index (EEAI) LC Vol. 8, No. 11  
November 1959  
Uncl.

SPASIC, Miodrag, inz., prof. (Beograd, Vojkovicova 20); VUCUROVIC, Dusan,  
inz., asistent

The evaporation roasting of the antimony sulfide concentrate at  
the Lojane Mines. Tehnika Jug 17 no.7:Suppl.: Rudarstvo metalurg  
13 no.7:1299-1302 J1 '62.

1. Tehnoloski fakultet Univerziteta u Beogradu.

Y/001/62/000/007/001/001  
D267/D307

AUTHORS: Spasić, M., Engineer, Professor and Vučurović, D.,  
Engineer, Assistant

TITLE: Roasting with evaporation of the concentrate of  
antimony sulfide from the Lojana (Macedonia) ore

PERIODICAL: Tehnika, no. 7, 1962, 1299-1302

TEXT: The aim of this work was to establish the effect of the temperature and duration of roasting on the rate of formation and evaporation of  $Sb_2O_3$ , and to evaluate the behavior of nickel in this process. Antimony concentrate (52.62% Sb) mixed with ca. 60% by weight of coke (to prevent sintering and to promote the formation of  $Sb_2O_3$  from  $Sb_2O_4$  and its evaporation) was heated in a laboratory rotary tubular furnace to 850-1050°C. The maximum amounts of evaporated Sb (95.68 and 95.36% of the total Sb) were observed at 950 and 980°C, respectively, the process lasting 6 hours. A shorter treatment (2 hours) sufficed at 1050°C when the proportion of evaporated Sb was 93.57%, but this was associated with a noticeable sintering

Card 1/2

Roasting with evaporation ...

Y/001/62/000/007/001/001  
D267/D307

of the material. The highest yield of evaporated Sb was obtained when the concentrate with coke was first roasted for 6 hours at 850°C, and then for 2 hours at 1020-1100°C; the yield of evaporated Sb was then 97.76% of total Sb. The evaporated  $Sb_2O_3$  contained certain amounts of As (up to 7%), and S (ca. 0.5% at higher temperatures). Any nickel present in the concentrate remains in the roasted residue, the Ni content being 0.6-1.0%. The product obtained by roasting with evaporation is an Sb concentrate (64-74%) in which Sb is mainly in the form of  $Sb_2O_3$ ; 93% of the concentrate is below 325 mesh. There are 1 figure and 3 tables. ✓

ASSOCIATION: Tehnološki fakultet Univerziteta u Beogradu (Faculty of Technology, University of Belgrade)

SUBMITTED: June 24, 1961

Card 2/2

RCSINGER, Stefan; MICSA, Ioan; VUCU, Ioan

Theoretical considerations and experimental tests on the hydraulic deep drawing process. Industria usoara 12 no.2: 79-85 F '65.

1. Polytechnic Institute, Timisoara.

SPASIC, Miodrag, inz., prof. (Beograd, Vojkovicova 20);  
VUCUROVIC, Dusan, inz.; VRACAR, Rajko, inz., asistent

Separation of iron and nickel, and preparation of high-grade nickel concentrate from the mine water of the Avala mercury deposits. Tehnika Jug 19 no.3:Suppl.:Rudarstvo geol metalurg 15 no.3:467-472 Mr '64.

1. Faculty of Technology, University of Belgrade.

SPASIC, Miodrag, ing., prof. (Beograd, Vlakovicova 20); VUCUROVIC, Dusan,  
ing., assistant

Agglomeration of pyrite and pyrrhotine concentrates and burns for the  
preparation of further complex processing. Tehnika Jug 17 no.2:  
271-274 F '62.

1. Technological Faculty of the University of Beograd. 2. Clan  
Redakcionog odbora, "Rudarstvo i metalurgija" (for Spasic).

(Pyrites) (Pyrrhotite)

COUNTRY : Yugoslavia  
 CATEGORY :  
 ABS. JOUR. : RZKhim., No. 21 1959, No. 74449  
 AUTHOR : Spasic, M., Vucurovic, D., and Pudja, L.  
 INST. : Not given  
 TITLE : Some Experiments Carried Out for the Purpose of  
 Extracting Germanium from Yugoslav Raw Materials  
 ORIG. PUB. : Tehnika, 13, No 10 (1958); Rud i Metalurg, 9,  
 No 10, 240-240a (1958)  
 ABSTRACT : Germanium has been extracted from copper concen-  
 trates containing 0.01% Ge or from flue dust from  
 copper-smelting furnaces containing 0.087% Ge  
 by melting down copper buttons and by volatiliz-  
 ing the sulfides. The high S content made it im-  
 possible to obtain satisfactory enrichment of the  
 buttons in germanium. Volatilization of the sul-  
 fides at 1,000° in a stream of H<sub>2</sub> from copper  
 concentrates permitted the achievement of a  
 twenty-fold enrichment of the germanium. Under

CARD: 1/2

63.



COUNTRY	:	GDR	
CATEGORY	:		C
ABS. JOUR.	:	RZKhiz., No. 21 1959, No.	74449
AUTHOR	:		
INSTR.	:		
TITLE	:		
ORIG. PUB.	:		
ABSTRACT	:	these conditions 50% of the germanium was recovered from the flue dust. D. Dobrev	

CARD: 2/2

VUDAKOVIC, S., Dr.; DEKARIS, M., dr.; ORGUREVIC, M., dr.

Methods and results of the treatment of cervical carcinoma in  
Gynecological Clinic of Zagreb. Lijec. vjes. 78 no.7-8:316-  
330 1956.

1. L. Klinike za zenske bolesti i porodaje Medicinskog fakulteta  
u Zagrebu.

(CERVIX NEOPLASMS, ther.  
management indic. (Ser))

VUDAYEV, N. A.

7533

Issledeniye vliyaniya tlenyervatsii lyuchity na soderzhanije v nasy kurnoeina  
I anagerina s Prilozheniyem yetoia raspredelitel'noy khromatografii. Dok-  
lady akad, nauk sssr, novaya yeriya, T. LXVII, No. 6, 1949, s. 1069-73.-  
Bibliogr: 11 naev.

SO: LETOPIS' NO. 40

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PRECEDENCE AND PRIORITY INDEX  
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B-I-5

BC

Concentration of [iron] ores from the  
Tula, (a) Vostochny, deposit. (a) N. N. Chirkov,  
(a) G. I. Voznyak (Inst. Mech. Treat. Ores, Russia;  
Coast. Approx. Iron Ores, U.S.S.R., 1932, 67-70,  
113-117).—Analysis and classification are given, and  
screening results tabulated. Ch. Ans.

ABB-514 DETAILURGICAL LITERATURE CLASSIFICATION

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3.2200

S/035/62/000/007/060/083  
A001/A101

AUTHORS: Gurin, A. I., Yudina, I. V.

TITLE: Vertical motion of a rocket in a non-uniform gravity field with allowance for medium resistance

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 7, 1962, 98, abstract 7A744 ("Uch. zap. Mosk. gor. ped. in-ta im. V. P. Potemkina", 1960, v. 86, 77 - 107)

TEXT: The authors derive a differential equation for the motion of the rocket mass center in a non-uniform gravity field with allowance for medium resistance during the vertical translational rocket motion, assuming the movements of gas particles in the rocket to be steady. They determine the law of rocket velocity variation for various sections of the rectilinear trajectory of the mass center, coinciding with the Earth radius direction. The trajectory mentioned is divided into 3 sections: The 40 - 50 km section where air medium resistance can not be neglected, a section where gravity field can not be neglected, and at last an ideal section of the trajectory without gravity and medium resistance. There are 5 references.

[Abstracter's note: Complete translation]

Ye. Polyakhova

Card 1/1

L 04526-67 EWT(1)/T IJP(c) GG

ACC NR: AP6018938

SOURCE CODE: UR/0126/66/021/006/0824/0827

AUTHOR: Vu. D. Ky. Kuritsyna, Ye. F. 12 B

ORG: Moscow State University im. M. V. Lomonosov (Moskovskiy gosuniversitet)

TITLE: Study of the processes of magnetic reversal in uniaxial ferromagnetic films by means of the two-dimensional Hall effect

SOURCE: Fizika metallov i metallovedeniye, v. 21, no. 6, 1966, 824-827

TOPIC TAGS: Hall effect, magnetization, permalloy, ferromagnetic film

ABSTRACT: After showing that the two-dimensional Hall effect can be used for studying magnetic reversal processes in ferromagnetic films, the authors propose a method for plotting the hysteresis loops of the two-dimensional Hall effect for various directions of the field causing magnetic reversal. The method is based on the model of homogeneous rotation. The theoretical loops are compared with the experimental ones for uniaxial permalloy films. Values of the critical fields are determined from the experimental loops, and curves are plotted for their dependence on the direction of magnetic reversal in the film. The shape of these curves is different for films with different structures of the interdomain walls. Authors thank Prof. R. V. Telesnin for his interest in the work. Orig. art. has: 3 figures and 2 formulas.

SUB CODE: 20/ SUBM DATE: 02Jul65/ ORIG REF: 006/ OTH REF: 001

Cord 1/1

UDC: 539.216.2:538.632

Anderson R. H.

Cracking of high-boiling fractions from sour crude oils

with silica-alumina catalysts. A. V. Agilov, V. P. Serebrennikov, I. A. Ponomarev, and B. N. Golovinskiy. *Russ. Chem. Rev.* 57: 5-27 in Russian, Engl. translation, 1988. The catalytic cracking of full-boiling range crude oils and heavy residue with a silica-alumina catalyst is compared with straight-through coking processes with fluidized coke beds as the heat-transfer medium. Coking at moderate temps produces high yields of heavy distillates, b. above 350° and coke, and low yields of low-boiling gasoline fractions. Use of high temps gives high gas yields and a high concn of aromatic hydrocarbons in the middle fractions which cause difficulties in oxidation and further processing. High recycle rates are necessary which lower the capacity of coking plants. David

(3)

117 AND 120 CODES										140 AND 150 CODES									
PROCESSES AND PROPERTIES INDEX																			
<div style="display: flex; justify-content: space-between;"> <span>ca</span> <span>2</span> </div> <p>An unpublished letter of Joseph Priestley, M. V. Vauquelin, <i>Uppahli Khim</i>, 6, 1766-4(1890).—In the letter, found in the State Historical Museum and addressed to La Due La Rousselle, March 18, 1784, from El-mington, P. accepts membership in the Paris Academy of Sciences. He further refers to his work on "the identity of inflammable air and phlogiston" and to the "composition (dissociation) of water into air." F. H. R.</p>																			
ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION										EDITION NOV 1974									
APPROVED FOR RELEASE: 09/01/2001										CIA-RDP86-00513R001961220015-4									



GOSPAVIC, Jelena; ANTONIJEVIC, Miroslav; MILOVANOVIC, Dimitrije;  
VUDOJKOVIC, Stevan

Guillain-Barre polyradiculoneuritis. Srpski, arh. celok.  
lek. 92 no.2:143-153 F'64.

1. Neuropsihijatrijska klinika Medicinskog fakulteta  
Univerziteta u Beogradu (Upravnik:prof. dr. Uros Jekic).

VUDROV, Radmili;

RONKO, Alojzij, potpukovnik, dr.; VUDROV, Radmili, major dr.

The results of DDT impregnation of clothing as an anti-louse measure. II. Voj. san. pregl., Beogr. 11 no.11-12:524-541 Nov-Dec 54.

1. Katedra za higijenu i epidemiologiju VMA. Institut za opstu i vojnu higijenu.

(DDT  
impregnation of clothing as anti-louse measure in army)

(HYGIENE  
DDT impregnation of clothing as anti-louse measure)

(PEDICULI  
control, DDT impregnation of clothing in army)

Aromatic properties of cyclic systems in plant pigments. Zaur.  
VKHO 7 no.4:384-390 '62. (MIRA 15:8)

1. Garvardskiy universitet, Kembridzh, SShA.  
(Chlorophyll)

L 26608-66 EWT(1) IJP(c)

ACC NR: AP6010426

SOURCE CODE: UR/0020/66/167/002/0326/0329

AUTHOR: Vu Din' Ky

ORG: Moscow State University im. M. V. Lomonosov (Moskovskiy gosudarstvennyy universitet)

51  
50  
B

TITLE: Use of the planar Hall effect for the study of the rotational hysteresis in ferromagnetic films

SOURCE: <sup>2/</sup> AN SSSR. Doklady, v. 167, no. 2, 1966, 326-329

TOPIC TAGS: Hall effect, magnetic hysteresis, magnetic thin film, permalloy, magnetic domain structure, magnetic anisotropy

ABSTRACT: The rotational hysteresis was measured in single-domain films grown by a method described by the author earlier (DAN 160, 77, 1965 and elsewhere). The method of measuring the potential difference was also described in these papers. The external applied field in the plane of the film was 200 Oe. The rotation of the field in the plane of the film was by rotating the film holder itself, the angle of which could be determined accurate to one-half degree. The

Card 1/2

UDC: 539.216.22:538

2

L 26608-66

ACC NR: AP6010426

current was maintained constant during the plotting of the angular dependence of the Hall emf. The film was permalloy (78% Ni, 22% Fe) and its thickness was 900 Å. No hysteresis was noticed at 1 Oe and 60 Oe, but a noticeable hysteresis was observed at 3 Oe, which was still seen at 5 Oe but to a smaller degree. A ratio of the hysteresis loss to the Hall emf plotted against the ratio of the field to the coercive force showed noticeable deviation from theory with increasing film thickness, owing to the presence of domain structure and dispersion of the anisotropy. The results are interpreted from the point of view of the theory of hysteresis of jets, developed by E. Feldtketter (Zs. angew. Phys. v. 17, 121, 1964) and H. Hoffman (Phys. Stat. Solid. v. 7, 81, 1964). The author thanks Ye. F. Kuritsyna for valuable hints. This report was presented by Academician G. V. Kurdyumov 29 June 1965. Orig. art. has: 3 figures and 8 formulas.

SUB CODE: 20/ SUBM DATE: 22Jun65/ ORIG REF: 005/ OTH REF: 005

Card

2/2 BLG